ELSEVIER

Geoderma 102 (2001) 407–408

GEODERMA

www.elsevier.nl/locate/geoderma

Contents Volume 102, 2001

Research papers

Pressure-jump relaxation studies on kinetics of lead sorption by iron oxides formed under the influence of citric acid
C. Liu and P.M. Huang 1

Assessment of cation and anion exchange and pH buffering in an Amazonian Ultisol
B. Ludwig, P.K. Khanna, B. Anurugsa and H. Fölster 27

Sulfur fractions in particle-size separates of the sub-humid Ethiopian highlands as influenced by land use changes
D. Solomon, J. Lehmann, M. Tekalign, F. Fritzsche and W. Zech 41

Mapping field-scale hydromorphic horizons using Radio-MT electrical resistivity
V. Chaplot, C. Walter, P. Curmi and A. Hollier-Larousse 61

Evaluating the probability of exceeding a site-specific soil cadmium contamination threshold
M. Van Meirvenne and P. Goovaerts 75

Spatial interaction of methylene blue stained soil pores
A. Stein, M.N.M. Van Lieshout and H.W.G. Booltink 101

Interactions between earthworm species in artificial soil cores assessed through the 3D reconstruction of the burrow systems
D. Jégou, Y. Capowiez and D. Cluzeau 123

Indirect effects of the bacterial soil aggregation on the distribution of *Pasteuria penetrans*, an obligate bacterial parasite of plant-parasitic nematodes
K.R. Dabiré, R. Duponnois and T. Mateille 139

Quantitative characterization of nutrient regimes of high-elevation forest soils in the southern coastal region of British Columbia, Canada
B.E. Splechtna and K. Klinka 153

Phosphate retention and extractability in soils of the humid zone in West Africa
M.K. Abekoe and K.L. Sahrawat 175

Factors of subaqueous soil formation: a system of quantitative pedology for submersed environments
G.P. Demas and M.C. Rabenhorst 189

Soil nutrient differences between two krummholz-form tree species and adjacent alpine tundra
A.B. Shiels and R.L. Sanford Jr. 205

Redox control of phosphorus pools in Hawaiian montane forest soils
A.J. Miller, E.A.G. Schuur and O.A. Chadwick 219

The contrasting effect of broom and pine on pedogenic processes in volcanic soils (Mt. Etna, Italy)
G. Certini, M.J. Fernández Sanjurjo, G. Corti and F.C. Ugolini 239

Spatial variability of potential water repellency in a lignitic mine soil afforested with *Pinus nigra*
H.H. Gerke, E. Hangen, W. Schaaf and R.F. Hüttl 255

Evaluation of pedo-transfer functions for unsaturated soil hydraulic conductivity using an independent data set
B. Wagner, V.R. Tarnawski, V. Hennings, U. Müller, G. Wessolek and R. Plagge 275

Origin of the enriched labile fraction (ELF) in Russian Chernozems with different site history
A. Rodionov, W. Amelung, I. Urusevskaja and W. Zech 299

In-situ measurement of soil evaporation from a volcanic ash soil by TDR technique using soil water diffusivity
T.C. Baruah and S. Hasegawa 317
Redox properties of standard humic acids
Z. Struyk and G. Sposito 329
Contingency and generalization in pedology, as exemplified by texture-contrast soils
J.D. Phillips 347
PAH mobility in contaminated industrial soils: a Markov chain approach to the spatial variability of soil properties and PAH levels
H. Weigand, K.U. Totsche, B. Huwe and I. Kögel-Knabner 371

Book Reviews 391

Erratum 405

Contents Volume 102, 2001 407